

FORM PTO-1449

ATTY. DOCKET NO.

260/095

SERIAL NO.

09/783,763

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

APPLICANT:

Norbert WINDHAB, et al.

FILING DATE:

February 14, 2001

GROUP:

1645 39

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
Not in file	AA	4,563,419	01/07/1986	Ranki	435	6	12/29/1983
	AB	4,751,177	06/14/1988	Stabinsky	435	6	06/13/1985
	AC	4,787,963	11/29/1988	MacConnell	204	450	05/04/1987
	AD	5,143,854	09/01/1992	Pirrung et al.	436	518	03/07/1990
	AE	5,202,231	04/13/1993	Drmanac et al.	435	6	06/18/1991
	AF	5,219,726	06/15/1993	Evans	435	6	06/02/1989
	AG	5,605,662	02/25/1997	Heller et al.	422	68.1	11/01/1993
	AH	5,632,957	05/27/1997	Heller et al.	422	68.1	09/09/1994
	AI	5,653,939	08/05/1997	Hollis et al	422	50	08/07/1995
	AJ	5,695,940	12/09/1997	Drmanac et al.	435	6	06/05/1995
	AK	5,744,305	04/28/1998	Fodor et al.	435	6	06/06/1995
Not in file	AL	5,763,175	06/09/1998	Brenner	435	6	11/17/1995
	AM	5,849,486	12/15/1998	Heller et al.	435	6	09/27/1995
	AN	6,017,696	01/25/2000	Heller	435	6	07/07/1994
	AO	6,051,380	04/18/2000	Sosnowski et al.	435	6	12/05/1997

FOREIGN PATENT DOCUMENTS

EXAM INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
Not in file	AP	2156074	10/02/1985	United Kingdom				
	AQ	86/03782	07/03/1986	WIPO				
	AR	86/07387	12/18/1986	WIPO				
	AS	570/87	04/01/1987	Yugoslavia				
	AT	88/10400	05/03/1988	United Kingdom				
	AU	0 305 145 A2	03/01/1989	Europe				
	AV	89/10977	11/16/1989	WIPO				

Examiner: Not Yet Assigned

T. Wenzel

DATE CONSIDERED:

1/21/04

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	APPLICANT: Norbert WINDHAB, et al.	
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FOREIGN PATENT DOCUMENTS								
INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
						YES	NO	
<i>tdw</i>	BA 90/01564	02/22/1990	WIPO					
<i>tdw</i>	BB 0 360 940 A2	04/04/1990	Europe					
<i>Not in English</i>	BC Hei 3-151900	06/28/1991	Japan			X		
<i>tdw</i>	BD 93/13223	07/08/1993	WIPO					
	BE 93/13225	07/08/1993	WIPO					
	BF 93/25563	12/23/1993	WIPO					
	BG 0 360 940 B1	01/31/1996	Europe					
<i>Not on file</i>	BH 96/13522	05/09/1996	WIPO					
<i>tdw</i>	BI 97/32999	09/12/1997	WIPO					
<i>Not on file</i>	BJ 97/43232	11/20/1997	WIPO					
<i>tdw</i>	BK 98/25943	06/18/1998	WIPO					
	BL 98/51819	11/19/1998	WIPO					
	BM 99/15509	04/01/1999	WIPO					
<i>tdw</i>	BN 99/15539	04/01/1999	WIPO					
	BO 99/15540	04/01/1999	WIPO					
	BP 99/15541	04/01/1999	WIPO					
<i>Not on file</i>	BR 99/15542	04/01/1999	WIPO					
<i>tdw</i>	BS 99/15893	04/01/1999	WIPO					
	BT 99/29711	06/17/1999	WIPO					
	BU 99/42558	08/26/1999	WIPO					
<i>tdw</i>	BV 00/11011	03/02/2000	WIPO					X
<i>tdw</i>	BW 00/39581	07/06/2000	WIPO					X
	BX 00/58516	10/05/2000	WIPO					
	BY 00/60124	10/12/2000	WIPO					
	BZ 01/07657 A1	02/01/2001	WIPO					

** only the
abstracts have
been considered*

Examiner: <u>Not Yet Assigned</u> <i>T. Aung</i>	DATE CONSIDERED: <i>1/21/04</i>
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OTHER DOCUMENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Not on file	CA	Anderson and Young, "Quantitative Filter Hybridization," <u>Nucleic Acid Hybridization - A Practical Approach</u> , Eds. B.D. Hames and S.J. Higgins (Washington, D.C. :IRL Press 1985) pp 73-111
	CB	Bains, "Setting a Sequence to Sequence a Sequence," <u>Bio/Technology</u> , 10:757-758 (1992)
	CC	Barinaga, "Will 'DNA Chip' Speed Genome Initiative?", <u>Science</u> , 253:1489 (1991)
	CD	Beattie et al., "Genosensor Technology," <u>The 1992 San Diego Conference: Genetic Recognition</u> , pp 1-5 (Nov, 1992)
Not on file	CE	Beier, M. et al., "Chemical Etiology of Nucleic Acid Structure: Comparing Pentopyranosyl-(2'→4') Oligonucleotides with RNA", <u>Science</u> , Vol. 283, pp. 699-703, Jan. 29, 1999.
	CF	Beltz et al., "Isolation of Multigene Families and Determination of Homologies by Filter Hybridization Methods," <u>Methods in Enzymology</u> , 100:266-285 (1983)
	CG	Bolli, M. et al., "131. Pyranosyl-RNA: Further Observations on Replication", <u>Helv. Chim. Acta</u> , Vol. 80, pp. 1901-1951, 1997.
Not on file	CH	Brady, A. et al., <u>J.Chem.Soc., Perkin Trans.</u> , 1, 1997, pp. 3237-3253
	CI	Cheng J. et al., <u>Nature/Biotechnology</u> , 16, 6/98, pp 541-546
	CJ	Chilkoti, A., et al., "Molecular Origins of the Slow Streptavidin - Biotin Dissociation Kinetics", <u>J. Am. Chem. Soc.</u> Vol. 117, pp. 10622-10628, 1995
	CK	Chu, B.C.F. et al., "Ligation of oligonucleotides to nucleic acids or proteins via disulfide bonds", <u>Nucleic Acids Research</u> , Vol. 16, No. 9, pp. 3671-3691, 1988.
Not on file	CL	Conner et al., "Detection of Sickle Cell ³ -Globin Allele by Hybridization With Synthetic Oligonucleotides," <u>Proc. Natl. Acad. Sci. USA</u> , 80:278-282 (1983)
	CM	Drmanac et al., "DNA Sequence Determination by Hybridization: A Strategy for Efficient Large-Scale Sequencing," <u>Science</u> , 260: 1649-1652 (1993)
	CN	Drmanac et al., "Sequencing of Megabase Plus DNA by Hybridization: Theory of the Method," <u>Genomics</u> , 4:114-128 (1989)
	CO	Edman C.F. et al., <u>Nucleic Acids Research</u> , 25, 1997, 4907-4914
	CP	Fodor et al., "Light-Directed, Spatially Addressable Parallel Chemical Synthesis," <u>Science</u> , 251:767-773 (1992)
	CQ	Fodor et al., "Multiplexed Biochemical Assays With Biological Chips," <u>Nature</u> , 364:555-556 (1993)
	CR	Fredericks P.M., et al., Materials Characterization Using FT-IR Spectra. Part 2: Mathematical & Statistical Considerations, <u>Applied Spectroscopy</u> , 39, 2, 1989, p. 311
	CS	Ghadiri, M. R. et al., <u>Nature</u> , 366, 1993, pp 324-327
	CT	Gilles, P.N. et al., "Single nucleotide polymorphic discrimination by an electronic dot blot assay on semiconductor microchips", <u>Nature Biotechnology</u> , Vol. 17, pp. 365-370, Apr. 17, 1999.
	CU	Goodwin, J.T. et al., "Template-Directed Synthesis: Use of a Reversible Reaction", <u>J. Am. Chem. Soc.</u> , Vol. 114, pp. 9197-9198, 1992.
	CV	Green, N. M., "Advances in Protein Chemistry", pp. 85-132, 1975.
	CW	Gryaznov, S.M. et al., "Chemical Ligation of Oligonucleotides in the Presence and Absence of a Template", <u>J. Am. Chem. Soc.</u> , Vol. 115, pp. 3808-3809, 1993.
Not on file	CX	Guo Z. et al., <u>Nucleic Acids Res</u> , vol. 22, no. 24, 1994, pp 5456-5465, Direct Fluorescence Analysis Of Genetic Polymorphism By Hybridization With Olognucleotide Arrays
	CY	Hayakawa Y. et al, <u>J.Am.Chem.Soc.</u> 112, 1990, 1691

Examiner: Not Yet Assigned

T. Weisend

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Not on file	DA	Heller, M.J., IEEE Engineering In Medicine & Biology, March/April 1996, 100-104 An Active Microelectronics Device For Multiplex DNA Analysis
↓	DB	Huc, I., Lehn, J.M., Proc.Nat.Acad.Sci.USA, 94, 1997, pp 2106-2110
↓	DC	Kozal M.J. et al., Nature Medicine, vol. 2, no. 7, 1996, 753-759
↓	DD	Lehn J.M., J.Chem.Soc. Chem. Commun., 49, 1990
↓	DE	Liu, J. et al., "Template-directed photoligation of oligodeoxyribonucleotides via 4-thiothymidine", <i>Nucleic Acids Research</i> , Vol. 26, No. 13, pp. 3300-3304, 1998.
Not on file	DF	Malinowski E.R. et al, Factor Analysis In Chemistry, John Wiley & Sons, New York, 1980
↓	DG	Marshall, A. et al, Nature Biotechnology, vol. 16, 1998, pp 27-31
↓	DH	Miculka, C. et al, European BioPharmaceutical Review, 6/98, pp 52-57
↓	DI	Pitsch, S. et al., "122. Pyranosyl-RNA ('p-RNA'): Base-Pairing Selectivity and Potential to Replicate", <i>Helv. Chim. Acta</i> , Vol. 78, pp. 1621-1635, 1995.
↓	DJ	Pitsch, S. et al., "147. Why Pentose- and Not Hexose-Nucleic Acids?" <i>Helv. Chim. Acta</i> , Vol. 76, pp. 2161-2183, 1993.
↓	DK	Ramsay, G., Nature Biotechnology, vol. 16, 1998, pp 40-44
↓	DL	Ranki et al., "Sandwich Hybridization as a Convenient Method for the Detection of Nucleic Acids in Crude Samples," <i>Gene</i> , 21:77-85 (1983)
↓	DM	Schlönvogt, I. et al., "188. Pyranosyl-RNA ('p-RNA'): NMR and Molecular-Dynamics Study of the Duplex Formed by Self-pairing of Ribopyranosyl-(C-G-A-A-T-T-C-G)" <i>Helv. Chim. Acta</i> , Vol. 79, pp. 2316-2345, 1996.
↓	DN	Shchepinov, M.S. et al., "Oligonucleotide dendrimers: synthesis and use as polylabelled DNA probes", <i>Nucleic Acids Research</i> , Vol. 25, No. 22, pp. 4447-4454, 1997.
Not on file	DO	Sosnowski R. et al., Proc. Natl.Acad.Sci, 94, 1997, 1119-1123
↓	DP	Southern et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides Evaluation Using Experimental Models," <i>Genomics</i> , 13:1008-1017 (1992)
↓	DQ	Strezoska et al., "DNA Sequencing by Hybridization: 100 Bases Read by a Non-Gel-Based Method", <i>Proc. Natl. Acad. Sci. USA</i> , 88:10089-93 (1991)
↓	DR	Taylor P. et al, Principles Of Drug Action-The Basis Of Pharmacology, Edited by W.B. Pratt, P. Taylor, Third Edition, Churchill Livingstone, 1990, pp 1-74.
↓	DS	Uhlmann et al., "Antisense Oligonucleotides: A New Therapeutic Principle", <i>Chemical Abstracts</i> , Vol. 90, No. 4, pp. 543-584, 1990.
Not on file	DT	Wallace et al., "Hybridization of Synthetic Oligodeoxyribonucleotides to x 174 DNA: The Effect of Single Base Pair Mismatch," <i>Nucleic Acid Res.</i> , 6:3543-3557 (1979)
↓	DU	Westin, L. et al., "Antimicrobial Resistance and Bacterial Identification Utilizing a Microelectronic Chip Array", <i>J. Clinical Microbiol.</i> , Vol. 39, No. 3, pp. 1097-1104, 2001.
Not on file	DV	Zhang, Y. et al, J.Am.Chem.Soc., 116, 1994, pp 1661-1669

Examiner: Not Yet Assigned

T. Wessendy

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1/24/04

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